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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |                           |
|------------------------|---------------------------|
| Attorney Docket No.    | 010023-000180US           |
| First Inventor         | John H. Crowe et al.      |
| Title                  | Biological Samples and... |
| Express Mail Label No. | EU122002598US             |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 73]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 20]
5. Oath or Declaration [Total Sheets       ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Express Mail Certificate.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 10/052,162

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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|-------------------|--------------------------|-----------------------------------|--------------------------|
| Name (Print/Type) | <u>John W. Carpenter</u> | Registration No. (Attorney/Agent) | <u>26,447</u>            |
| Signature         | <u>[Signature]</u>       | Date                              | <u>November 25, 2003</u> |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/721678

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$ ) 631.00

|                      |                      |
|----------------------|----------------------|
| Application Number   | Unknown              |
| Filing Date          | November 25, 2003    |
| First Named Inventor | John H. Crowe et al. |
| Examiner Name        | Unknown              |
| Group / Art Unit     | Unknown              |
| Attorney Docket No.  | 010023-000180US      |

| METHOD OF PAYMENT (check one)   |                       | FEE CALCULATION (continued)  |                       |  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
|---|-----------------------|--|-----------------------|--|-----------------------|-----------------------|-----------------|----------|-----|-----|-----|--------------------|-------------------------------------|-----|-----|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|---------------------------|----------------|-----------------------|----------------|-----------------------|--------------------|--|-----|-----|------|-----|------------------------|--|---------------------|-----|--------|-----|-----------------------------------|---|-----|-----|-----|-----|---------------------------------------|--|-----|-----|-----|-----|--|---|-----|-----|-----|-----|--|--|---------------------|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:<br><br>Deposit Account Number <input type="text"/><br><br>Deposit Account Name <input type="text"/><br><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |                       | <b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> |                       | Fee Code   | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65                 | Surcharge - late filing fee or oath |     | 127 | 50  | 227 | 25                | Surcharge - late provisional filing fee or cover sheet |     | 139 | 130 | 139 | 130              | Non-English specification |                | 147                   | 2,520          | 147                   | 2,520              | For filing a request for reexamination |     | 112 | 920* | 112 | 920*                   | Requesting publication of SIR prior to Examiner action |                     | 113 | 1,840* | 113 | 1,840*                            | Requesting publication of SIR after Examiner action |     | 115 | 110 | 215 | 55                                    | Extension for reply within first month |     | 116 | 400 | 216 | 200  | Extension for reply within second month |     | 117 | 920 | 217 | 460  | Extension for reply within third month |                     | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month |  | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month |  | 119 | 320 | 219 | 160 | Notice of Appeal |  | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal |  | 121 | 280 | 221 | 140 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional |  | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) |  | 143 | 460 | 243 | 230 | Design issue fee |  | 144 | 620 | 244 | 310 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  |
| Fee Code  | Large Entity Fee (\$) | Small Entity Fee (\$)  | Fee Description       | Fee Paid   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 105   | 130                   | 205  | 65                    | Surcharge - late filing fee or oath  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 127   | 50                    | 227  | 25                    | Surcharge - late provisional filing fee or cover sheet                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 139   | 130                   | 139  | 130                   | Non-English specification  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 147   | 2,520                 | 147  | 2,520                 | For filing a request for reexamination                                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 112   | 920*                  | 112  | 920*                  | Requesting publication of SIR prior to Examiner action                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 113   | 1,840*                | 113  | 1,840*                | Requesting publication of SIR after Examiner action                        |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 115   | 110                   | 215  | 55                    | Extension for reply within first month                                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 116   | 400                   | 216  | 200                   | Extension for reply within second month                                    |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 117   | 920                   | 217  | 460                   | Extension for reply within third month                                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 118   | 1,440                 | 218  | 720                   | Extension for reply within fourth month                                    |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 128   | 1,960                 | 228  | 980                   | Extension for reply within fifth month                                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 119   | 320                   | 219  | 160                   | Notice of Appeal   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 120   | 320                   | 220  | 160                   | Filing a brief in support of an appeal                                     |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 121   | 280                   | 221  | 140                   | Request for oral hearing   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 138   | 1,510                 | 138  | 1,510                 | Petition to institute a public use proceeding                              |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 140   | 110                   | 240  | 55                    | Petition to revive - unavoidable   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 141   | 1,280                 | 241  | 640                   | Petition to revive - unintentional   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 142   | 1,280                 | 242  | 640                   | Utility issue fee (or reissue)   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 143   | 460                   | 243  | 230                   | Design issue fee   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 144   | 620                   | 244  | 310                   | Plant issue fee  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 122   | 130                   | 122  | 130                   | Petitions to the Commissioner  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 123   | 50                    | 123  | 50                    | Petitions related to provisional applications                              |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 126   | 180                   | 126  | 180                   | Submission of Information Disclosure Stmt                                  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 581   | 40                    | 581  | 40                    | Recording each patent assignment per property (times number of properties) |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 146   | 740                   | 246  | 370                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 149   | 740                   | 249  | 370                   | For each additional invention to be examined (37 CFR § 1.129(b))           |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 179   | 740                   | 279  | 370                   | Request for Continued Examination (RCE)                                    |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 169   | 900                   | 169  | 900                   | Request for expedited examination of a design application                  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 2. <input checked="" type="checkbox"/> Payment Enclosed:<br><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other  |                       |  |                       |  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>FEE CALCULATION</b><br><table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>770</td><td>201</td><td>385</td><td>Utility filing fee</td><td>385.00</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$ ) 385.00</b></td></tr> </tbody> </table>   |                       | Large Fee Code   | Large Entity Fee (\$) | Small Fee Code   | Small Entity Fee (\$) | Fee Description       | Fee Paid        | 101      | 770 | 201 | 385 | Utility filing fee | 385.00                              | 106 | 330 | 206 | 165 | Design filing fee |  | 107 | 510 | 207 | 255 | Plant filing fee |                           | 108            | 740                   | 208            | 370                   | Reissue filing fee |  | 114 | 160 | 214  | 80  | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |     |        |     |                                   | <b>(\$ ) 385.00</b>                                 |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Large Fee Code  | Large Entity Fee (\$) | Small Fee Code   | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 101   | 770                   | 201  | 385                   | Utility filing fee   | 385.00                |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 106   | 330                   | 206  | 165                   | Design filing fee  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 107   | 510                   | 207  | 255                   | Plant filing fee   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 108   | 740                   | 208  | 370                   | Reissue filing fee   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 114   | 160                   | 214  | 80                    | Provisional filing fee   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>SUBTOTAL (1)</b>   |                       |  |                       |  | <b>(\$ ) 385.00</b>   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>2. EXTRA CLAIM FEES</b><br><table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>33</td> <td>6</td> <td></td> <td>13</td> <td>9</td> <td>117</td> </tr> <tr> <td></td> <td></td> <td></td> <td>3</td> <td>43</td> <td>129</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$ ) 246.00</b></td></tr> </tbody> </table> |                       | Total Claims   | Independent Claims    | Multiple Dependent   | Extra Claims          | Fee from below        | Fee Paid        | 33       | 6   |     | 13  | 9                  | 117                                 |     |     |     | 3   | 43                | 129  |     |     |     |     |                  | 0                         | Large Fee Code | Large Entity Fee (\$) | Small Fee Code | Small Entity Fee (\$) | Fee Description    | Fee Paid                               | 103 | 18  | 203  | 9   | Claims in excess of 20 |  | 102                 | 84  | 202    | 42  | Independent claims in excess of 3 |   | 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |  | 109 | 84  | 209 | 42  | ** Reissue independent claims over original patent |   | 110 | 18  | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |     |       |     |     | <b>(\$ ) 246.00</b>                     |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Total Claims  | Independent Claims    | Multiple Dependent   | Extra Claims          | Fee from below   | Fee Paid              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 33  | 6                     |  | 13                    | 9  | 117                   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
|   |                       |  | 3                     | 43   | 129                   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
|   |                       |  |                       |  | 0                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Large Fee Code  | Large Entity Fee (\$) | Small Fee Code   | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 103   | 18                    | 203  | 9                     | Claims in excess of 20   |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 102   | 84                    | 202  | 42                    | Independent claims in excess of 3  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 104   | 280                   | 204  | 140                   | Multiple dependent claim, if not paid                                      |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 109   | 84                    | 209  | 42                    | ** Reissue independent claims over original patent                         |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 110   | 18                    | 210  | 9                     | ** Reissue claims in excess of 20 and over original patent                 |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>SUBTOTAL (2)</b>   |                       |  |                       |  | <b>(\$ ) 246.00</b>   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| **or number previously paid, if greater; For Reissues, see above  |                       | Other fee (specify) _____<br>*Reduced by Basic Filing Fee Paid<br><b>SUBTOTAL (3)</b> (\$ )  |                       |  |                       |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |                |                       |                |                       |                    |  |     |     |      |     |                        |  |                     |     |        |     |                                   |   |     |     |     |     |                                       |  |     |     |     |     |  |   |     |     |     |     |  |  |                     |     |       |     |     |   |  |     |       |     |     |  |  |     |     |     |     |                  |  |     |     |     |     |  |  |     |     |     |     |                          |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |

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|-------------------|-------------------|---------------------------------|--------|-----------|-------------------|
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| <b>In Re Application of:</b><br><br>John H. Crowe, et al.<br><br><b>Application No.:</b> Unknown<br><br><b>Filing Date:</b> November 25, 2003<br><br><b>Title:</b> BIOLOGICAL SAMPLES AND<br>METHOD FOR INCREASING<br>SURVIVAL OF BIOLOGICAL<br>SAMPLES | <b>Docket No.:</b> 010023-000180US<br><br><b>Re:</b> Filing Patent Application |
|---|--|

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**EXPRESS MAIL CERTIFICATE**

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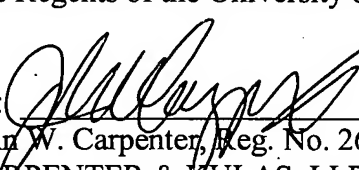
Dated: November 25, 2003

Respectfully submitted,

The Regents of the University of California

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